

AGENDA: December 7, 2004

4.19

CATEGORY: Consent

DEPT.: Public Works

TITLE: Solid Waste Collection Vehicle Emissions
Retrofit Grant Funding

RECOMMENDATION

Adopt A RESOLUTION AUTHORIZING THE CITY MANAGER OR DESIGNEE TO SUBMIT AN APPLICATION TO THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) TO RETROFIT SOLID WASTE COLLECTION VEHICLES TO REDUCE NITROUS OXIDE EMISSIONS AND TO REQUEST REIMBURSEMENT OF EXPENSES, IF THE APPLICATION IS APPROVED, to be read in title only, further reading waived.

FISCAL IMPACT

Grant funds are limited to \$350,000 per agency and \$10,500 per vehicle for the NOx portion only of the retrofit, including an administrative allowance. Total cost to retrofit each vehicle is approximately \$19,500, including installation and hardware, for both NOx and particulate emissions. The additional \$9,000 cost for particulate emission reduction would have been incurred to meet the State law regardless of the grant for NOx emissions reduction. Under the City's contract with Foothill Disposal, the retrofit expenses are an allowable cost and will be reimbursed to Foothill Disposal by the City.

Foothill Disposal has 39 vehicles in its Mountain View fleet. City and Foothill Disposal staffs propose to apply for funds for 20 vehicles for a total of \$210,000. The entire fleet will not require retrofitting as some vehicles will be replaced next year and vehicles two years old or newer are exempt, such as the City's new recycling trucks. If all 20 vehicles are funded for retrofitting, the City will have complied with the new State regulation to reduce emissions ahead of schedule, and no other retrofits will be necessary. Foothill mechanics will install the equipment.

BACKGROUND AND ANALYSIS

In September 2003, the California Air Resources Board (CARB) adopted a new regulation requiring solid waste collection vehicles meet specified reductions in diesel particulate emissions with the best available control technology. The regulation became law in July and includes a phased compliance with 10 percent of the vehicle fleet required by the end of 2004 and 100 percent by the end of 2010.

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BAAQMD and the Metropolitan Transportation Commission (MTC) are making incentive funds available to encourage fleet owners subject to the CARB regulation to install control technology to also reduce nitrogen oxide (NOx) emissions in addition to particulate emissions. The required "kit" reduces NOx emissions and particulate emissions as well.

A total of \$3.5 million is available – \$1.5 million from the Transportation Fund for Clean Air (TFCA) and \$2.0 million from the Congestion Mitigation and Air Quality Improvement (CMAQ) funds from MTC. Applications must be submitted by a public agency within the boundaries of the BAAQMD and will be funded on a first-come, first-served basis. A public agency may apply for funds on behalf of their solid waste operator; in the City's case, Foothill Disposal.

PUBLIC NOTICING – Agenda posting.

Prepared by:

Approved by:

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Transportation and Policy Manager

Cathy R. Lazarus
Public Works Director

Kevin C. Duggan
City Manager

JJ/5/CAM
907-12-07-04M-E^

Attachment: 1. Resolution

cc: Ms. Pamela Read, General Manager
Foothill Disposal

SWPM, TPM, F/c

CITY OF MOUNTAIN VIEW
RESOLUTION NO.
SERIES 2004

A RESOLUTION AUTHORIZING THE CITY MANAGER OR DESIGNEE TO SUBMIT AN APPLICATION TO THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) TO RETROFIT SOLID WASTE COLLECTION VEHICLES TO REDUCE NITROUS OXIDE EMISSIONS AND TO REQUEST REIMBURSEMENT OF EXPENSES, IF THE APPLICATION IS APPROVED

WHEREAS, the California Air Resources Board (CARB) has adopted a new regulation that applies to public and private owners of solid waste collection vehicles performing residential and commercial solid waste collection; and

WHEREAS, the regulation requires fleet owners to employ best available control technology to reduce emissions of diesel particulate matter from collection vehicles; and

WHEREAS, the regulation does not require any reduction of nitrogen oxides (NO_x) emissions, which are a major component of ozone, a colorless, odorless gas injurious to human health when breathed; and

WHEREAS, to encourage public and private owners of collection vehicles to exceed requirements and reduce NO_x emissions, the Bay Area Air Quality Management District has allocated funding from the Transportation Fund for Clean Air; and

WHEREAS, local government agencies are eligible to receive these funds on behalf of the collection vehicle fleets they hold under contract to perform solid waste collection; and

WHEREAS, the City of Mountain View desires to participate in the collection vehicle incentive program to reduce emissions beyond the requirements of the rule and to apply to the BAAQMD for funding and, if approved, enter into a contract with the BAAQMD for reimbursement of expenses by the BAAQMD; and

WHEREAS, the City of Mountain View allows for reimbursement of expenses incurred by the contracted collection vehicle fleet; and

WHEREAS, the City Council of the City of Mountain View must adopt a resolution to approve the submittal of an application for collection vehicle incentive funds by the City;

NOW, THEREFORE, BE IT RESOLVED that the City Manager or his designee is authorized to submit an application on behalf of the City of Mountain View.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to execute a funding agreement with the Bay Area Air Quality Management District for the purposes described above, if the Bay Area Air Quality Management District approves the application.

JJ/6/RESO
907-12-07-04R-E^